



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 07/402,450 Confirmation No.: 8131
Applicant : George J. MURAKAWA et al.
Filed : 1 September 1989
TC/A.U. : 1631
Examiner : Marina Miller

Attorney Docket No. : 2124-154
Customer No. : 6449

Director of the United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

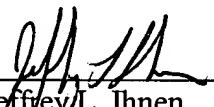
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith information that the Office may wish to consider in examination of the subject application. Materials submitted for consideration are listed on the attached form PTO-1449. The fee for submission of this information after the Office Action is submitted herewith.

Respectfully submitted,

ROTHWELL, FIGG, ERNST & MANBECK, p.c.

By 
Jeffrey L. Ihnen
Registration No. 28,957
1425 K Street, N.W., Suite 800
Washington, D.C. 20005
Telephone No.: (202) 783-6040
Facsimile No.: (202) 783-6031

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT***Complete if Known*

Application Number	07/402,450
Filing Date	September 1, 1989
First Named Inventor	MURAKAWA et al.
Group Art Unit	1631
Examiner Name	Marina Miller

Sheet	1	of	1	Attorney Docket Number	2124-154
-------	---	----	---	------------------------	----------

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
		5,110,802		Cantin et al.	05-02-1992
		5,783,391		Rossi	07-21-1998
		5,869,249		Rossi	02-09-1999

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³ Code	Number ⁴	Kind ⁵ (if known)			

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.